

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

CONSTRUCTION SPECIFICATION
CS-32: "LIVE FASCINE"

32.1 SCOPE

This construction specification governs the installation of live fascine for stabilization of a slope or streambank. Installation shall be to the lines and grades as shown on the drawing and to the requirements of this construction specification.

32.2 SITE PREPARATION

The bank shall be stable and/or shaped as shown in the construction drawings. The trench for the live fascine shall be constructed to the dimension as shown on the drawing.

32.3 MATERIALS

The fascine shall be made from native woody plant materials or woody plants that are adapted to the site. The plant species and dimensions are shown on the drawings. The plant material shall be free from disease and harmful insects. The plant materials shall be installed within 48 hours after initial preparation unless refrigerated.

32.4 INSTALLATION

Stagger length, size, alternating tip and butt ends and species of live branches through out length of the fascine. Secure the bundles at specified intervals using untreated twine. Maximum length of bundles is dependent only on handling limitations.

Taper a minimum of 6 feet on both ends of each bundle and overlap the length of the tapered ends during final placement.

Secure the fascine in the trench with dead stout stakes directly through the live fascine every 2 to 3 feet along its length. Leave the top of the stakes flush with the installed bundle. Supplement the dead stout stakes with live staking.

Backfill and tamp the soil on the sides and cover of the live fascine. The covering depth shall be a minimum of 3 inches and a maximum of 6 inches of soil with good soil-plant contact.